

MAY 13 2002

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PTO/SB/21 (08-00)

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FORM

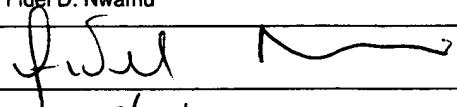
(to be used for all correspondence after initial filing)

Application Number	10/092,347
Filing Date	March 4, 2002
First Named Inventor	Medvinsky, Alexander
Group Art Unit	2131
Examiner Name	
Attorney Docket Number	018926-007500US
Total Number of Pages in This Submission	

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Executed Declaration; copy of Notice to File Missing Parts; Request for Corrected Filing Receipt; copy of Filing Receipt marked in red; copies of ADS and title pg. of app. as filed; Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

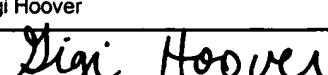
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Fidel D. Nwamu	Reg. No. 46,294
Signature		
Date	5/1/02	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

5-2-02

Typed or printed name	Gigi Hoover	Date	5-2-02
Signature			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SP 1342211 v1

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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1092

## Complete if Known

Application Number	10/092,347
Filing Date	March 4, 2002
First Named Inventor	Medvinsky, Alexander
Examiner Name	
Group Art Unit	2131
Attorney Docket No.	018926-007500US

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$740)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
23	-20** = 3	X \$18	= \$54
Independent Claims	5	-3** = 2	X \$84 = \$168
Multiple Dependent		X	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$222)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$130)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Fidel D. Nwanku	Registration No. (Attorney/Agent)	46,294	Telephone	415-576-0200
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Signature

Date

5/1/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Attorney Docket No.: 18926-007500US

Client Reference No.: D2628

PATENT APPLICATION

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**KEY MANAGEMENT PROTOCOL AND AUTHENTICATION SYSTEM  
FOR SECURE INTERNET PROTOCOL RIGHTS MANAGEMENT  
ARCHITECTURE**

**Inventors:**

Alexander Medvinsky, a citizen of United States, residing at,  
8873 Hampe Court  
San Diego, CA 92129

Petr Peterka, a citizen of United States, residing at,  
5126 Caminito Vista Lujo  
San Diego, CA 92130

Paul Moroney, a citizen of United States, residing at,  
3411 Western Springs Road  
Olivehain, CA 92024

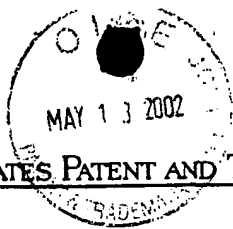
Eric Sprunk, a citizen of United States, residing at,  
7309 Bolero Street  
Carlsbad, CA 92009

**Assignee:**

General Instrument Corporation  
Motorola, Inc.  
Broadband Communications Sector  
101 Tournament Drive  
Horsham, PA 19044

**Entity:** Large

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: 415-576-0200



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 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/092,347	03/04/2002	Alexander Medvinsky	018926-007500US

CONFIRMATION NO. 7720

20350

FORMALITIES LETTER

TOWNSEND AND TOWNSEND AND CREW, LLP  
 TWO EMBARCADERO CENTER  
 EIGHTH FLOOR  
 SAN FRANCISCO, CA 94111-3834



Date Mailed: 03/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

### Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$111.
  - \$27 for 3 total claims over 20.
  - \$84 for 2 independent claims over 3.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 546.

05/16/2002 BABRAHA1 00000103 201430 10092347

01 FC:101	740.00 CH
02 FC:105	130.00 CH
03 FC:103	54.00 CH
04 FC:102	168.00 CH

*A copy of this notice **MUST** be returned with the reply.*

  
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT  
Attorney Docket No.: 018926-007500US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Alexander Medvinsky, et al.

Application No.: 10/092,347

Filed: March 4, 2002

For: KEY MANAGEMENT  
PROTOCOL AND AUTHENTICATION  
SYSTEM FOR SECURE INTERNET  
PROTOCOL RIGHTS MANAGEMENT  
ARCHITECTURE

Art Unit: 2131

RESPONSE TO NOTICE TO FILE  
MISSING PARTS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Nonprovisional  
Application, mailed March 28, 2002, enclosed are executed documents to be made of  
record in the above-identified application.

Respectfully submitted,

Fidel D. Nwamu  
Reg. No. 46,294

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
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Fax: (415) 576-0300  
FDN:gsh  
SF 1342192 v1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/092,347	03/04/2002	Alexander Medvinsky	018926-007500US

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CONFIRMATION NO. 7720

FORMALITIES LETTER



\*OC000000007742291\*

20350

TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

Date Mailed: 03/28/2002

**Response Due** 5/28/02 MSM

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

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- The balance due by applicant is \$ 546.

*A copy of this notice **MUST** be returned with the reply.*

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Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/092,347	03/04/2002	2131	0.00	018926-007500US	5	23	5

CONFIRMATION NO. 7720

20350

TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

FILING RECEIPT



\*OC000000007742290\*

Date Mailed: 03/28/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Alexander Medvinsky, San Diego, CA;  
Petr Peterka, San Diego, CA;  
Paul Moroney, Olivehain, CA;  
Eric Sprunk, Carlsbad, CA;

Assignment For Published Patent Application

General Instrument Corporation;  
~~Motorola, Inc.;~~  
~~Broadband Communications Sector,~~ Horsham, PA;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/334,721 11/15/2001

AND CLAIMS BENEFIT OF 09/966,552 09/26/01

Foreign Applications

If Required, Foreign Filing License Granted 03/28/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**LARGE**  
**\*\* SMALL ENTITY \*\***



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**Title**

Key management protocol and authentication system for secure internet protocol rights management architecture

**Preliminary Class**

380

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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